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OM nucleic - nucleic search, using sw model

Run on: March 11, 2003, 09:15:13 ; Search time 295.101 Seconds  
(without alignments)  
70.164 Million cell updates/sec

Title: US-09-913-524-34

Perfect score: 31  
Sequence: 1 atcattgctccctctggtatcatgccaact 31

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 478924 seqs, 333959856 residues  
Total number of hits satisfying chosen parameters: 957848

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published\_Applications\_NA:

- 1: /cgn2\_6/ptodata/1/pubpna/US07\_PUBCOMB.seq:
- 2: /cgn2\_6/ptodata/1/pubpna/PCT\_NEW\_PUB.seq:
- 3: /cgn2\_6/ptodata/1/pubpna/US06\_NEW\_PUB.seq:
- 4: /cgn2\_6/ptodata/1/pubpna/US06\_PUBCOMB.seq:
- 5: /cgn2\_6/ptodata/1/pubpna/US07\_NEW\_PUB.seq:
- 6: /cgn2\_6/ptodata/1/pubpna/PCTUS\_PUBCOMB.seq:
- 7: /cgn2\_6/ptodata/1/pubpna/US08\_NEW\_PUB.seq:
- 8: /cgn2\_6/ptodata/1/pubpna/US08\_PUBCOMB.seq:
- 9: /cgn2\_6/ptodata/1/pubpna/US09\_NEW\_PUB.seq:
- 10: /cgn2\_6/ptodata/1/pubpna/US09\_PUBCOMB.seq:
- 11: /cgn2\_6/ptodata/1/pubpna/US10\_NEW\_PUB.seq:
- 12: /cgn2\_6/ptodata/1/pubpna/US10\_PUBCOMB.seq:
- 13: /cgn2\_6/ptodata/1/pubpna/US60\_NEW\_PUB.seq:
- 14: /cgn2\_6/ptodata/1/pubpna/US60\_PUBCOMB.seq:

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
C 1	31	100.0	405	10	US-09-962-436-169
2	31	100.0	4068	9	US-09-954-531-182
3	31	100.0	4068	9	US-09-954-531-187
4	31	100.0	4068	10	US-09-962-436-295
5	19.8	63.9	1350	10	US-09-784-911-7
6	19.8	63.9	1353	10	US-09-784-911-9
7	19.8	63.9	1362	10	US-09-784-911-3
8	19.8	63.2	167343	10	US-09-962-436-281
9	19.6	63.2	167343	10	US-09-964-824A-273
C 10	18.8	60.6	445	9	US-09-796-692-7759
11	18.8	60.6	839	9	US-09-860-670-269
C 12	18.6	60.0	1800	10	US-09-815-242-7229
C 13	18.6	60.0	111282	12	US-10-094-989-3
14	18.4	59.4	456	10	US-09-864-761-10439
C 15	18.4	59.4	3574	10	US-09-962-832-241
16	18.2	58.7	1346	10	US-09-784-911-11
17	18.2	58.7	1352	10	US-09-784-911-13
18	18.2	58.7	2689	9	US-09-954-531-959
19	18.2	58.7	2689	9	US-09-954-531-1350

20	18.2	58.7	2767	10	US-09-728-952-79	Sequence 79, Appl
21	18.2	58.7	7213	10	US-09-070-927A-330	Sequence 330, App
C 22	18	58.1	109	10	US-09-864-761-20805	Sequence 20805, A
C 23	18	58.1	485	10	US-09-864-761-4049	Sequence 4049, Ap
24	18	58.1	493	10	US-09-783-590-6112	Sequence 6112, Ap
25	18	58.1	692	9	US-09-832-129-25	Sequence 25, Appl
C 26	18	58.1	1986	10	US-09-954-456-1845	Sequence 1845, Ap
27	18	58.1	1503841	9	US-09-946-807-1	Sequence 1, Appl
28	18	58.1	1503841	10	US-09-795-668-1	Sequence 1, Appl
29	18	58.1	1503841	10	US-09-795-668-1	Sequence 1, Appl
30	17.8	57.4	249	10	US-09-923-876-1700	Sequence 1700, Ap
C 31	17.8	57.4	255	10	US-09-923-876-184	Sequence 184, App
C 32	17.8	57.4	371	10	US-09-878-574-388	Sequence 388, App
33	17.6	56.8	419	10	US-09-983-965-4486	Sequence 4486, Ap
C 34	17.4	56.1	464	10	US-09-764-761-11573	Sequence 11573, A
35	17.4	56.1	471	10	US-09-864-761-684	Sequence 684, App
36	17.4	56.1	1202	10	US-09-948-018-13	Sequence 13, Appl
37	17.4	56.1	1725	10	US-09-822-830A-64	Sequence 64, Appl
38	17.4	56.1	1792	9	US-09-954-531-1349	Sequence 1349, Ap
39	17.2	55.5	271	10	US-09-294-093B-4350	Sequence 4350, Ap
40	17.2	55.5	271	10	US-09-878-574-6516	Sequence 6516, Ap
C 41	17.2	55.5	386	10	US-09-917-800A-634	Sequence 634, App
42	17.2	55.5	445	10	US-09-867-701-350	Sequence 350, App
43	17.2	55.5	467	10	US-09-864-761-1194	Sequence 1194, Ap
C 44	17.2	55.5	629	10	US-09-917-800A-1001	Sequence 1001, Ap
C 45	17.2	55.5	636	10	US-09-912-020-28	Sequence 28, Appl

## ALIGNMENTS

### RESULT 1

US-09-962-436-169/c  
: Sequence 169, Application US/09962436  
: Patent No. US20020081301A1  
: GENERAL INFORMATION:  
: APPLICANT: Soppet, Daniel  
: TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using SI  
: FILE REFERENCE: 689290-75  
: CURRENT APPLICATION NUMBER: US/09/962,436  
: CURRENT FILING DATE: 2001-09-25  
: PRIOR APPLICATION NUMBER: US/60/235,082  
: PRIOR FILING DATE: 2000-09-25  
: PRIOR APPLICATION NUMBER: US/60/234,924  
: PRIOR FILING DATE: 2000-09-25  
: NUMBER OF SEQ ID NOS: 568  
: SOFTWARE: PatentIn version 3.0  
: SEQ ID NO 169  
: LENGTH: 405  
: TYPE: DNA  
: ORGANISM: Homo sapiens  
: FEATURE:  
: NAME/KEY: misc\_feature  
: OTHER INFORMATION: n=a,t,g or c  
US-09-962-436-169

Query Match 100.0%; Score 31; DB 10; Length 405;  
Best Local Similarity 100.0%; Pred. No. 0.00029;  
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 ATCATTGCTCCCTCTGGCTATCATGCCAACT 31  
|||||  
Db 384 ATCATTGCTCCCTCTGGCTATCATGCCAACT 354

### RESULT 2

US-09-954-531-182  
: Sequence 182, Application US/09954531  
: Patent No. US20020165180A1  
: GENERAL INFORMATION:  
: APPLICANT: Weaver, Zoe  
: TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using

```

; TITLE OF INVENTION: Gene Sets
; FILE REFERENCE: 689290-77
; CURRENT APPLICATION NUMBER: US/09/954,531
; PRIOR FILING DATE: 2002-05-02
; PRIOR APPLICATION NUMBER: US/60/233,133
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US/60/234,009
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: US/60/234,034
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: US/60/234,509
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: US/60/234,567
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 1392
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 182
; LENGTH: 4068
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-954-531-182

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Query Match      100.0%; Score 31; DB 9; Length 4068;
Best Local Similarity 100.0%; Pred. No. 0.00043;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 ATCATTCCTCCCTCTGGCTATCATGCCAACT 31
|||||
DB 1093 ATCATTCCTCCCTCTGGCTATCATGCCAACT 1123

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## RESULT 3

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US-09-954-531-387
; Sequence 387, Application US/09954531
; Patent No. US20020165180A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Weaver, Zoe
; TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using Cand
; FILE REFERENCE: 689290-77
; CURRENT APPLICATION NUMBER: US/09/954,531
; PRIOR FILING DATE: 2002-05-02
; PRIOR APPLICATION NUMBER: US/60/233,133
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US/60/234,009
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: US/60/234,034
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: US/60/234,509
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: US/60/234,567
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 1392
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 387
; LENGTH: 4068
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-954-531-387

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Query Match      100.0%; Score 31; DB 9; Length 4068;
Best Local Similarity 100.0%; Pred. No. 0.00043;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 1 ATCATTCCTCCCTCTGGCTATCATGCCAACT 31
|||||
DB 1093 ATCATTCCTCCCTCTGGCTATCATGCCAACT 1123

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## RESULT 4

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US-09-962-436-295
; Sequence 295, Application US/09962436
; Patent No. US20020081301A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Soppet, Daniel
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Sig
; FILE REFERENCE: 689290-75
; CURRENT APPLICATION NUMBER: US/09/962,436
; PRIOR FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: US/60/235,082
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US/60/234,924
; PRIOR FILING DATE: 2000-09-25
; NUMBER OF SEQ ID NOS: 568
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 295
; LENGTH: 4068
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-962-436-295

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Query Match      100.0%; Score 31; DB 10; Length 4068;
Best Local Similarity 100.0%; Pred. No. 0.0004;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 1 ATCATTCCTCCCTCTGGCTATCATGCCAACT 31
|||||
DB 1093 ATCATTCCTCCCTCTGGCTATCATGCCAACT 1123

```

## RESULT 5

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US-09-784-911-7
; Sequence 7, Application US/09784911
; Patent No. US20020072115A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Harrison, Leonard C.
; APPLICANT: Jiang, Fang-Xu
; APPLICANT: Stanley, Edouard Guy
; APPLICANT: Gonez, Leonel Jorge
; TITLE OF INVENTION: Pancreatic islet cell growth factors
; FILE REFERENCE: Davies Collision Cave
; CURRENT APPLICATION NUMBER: US/09/784,911
; PRIOR FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 2.1
; SEQ ID NO 7
; LENGTH: 1350
; TYPE: DNA
; ORGANISM: mouse
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(1299)
US-09-784-911-7

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Query Match      63.9%; Score 19.8; DB 10; Length 1350;
Best Local Similarity 77.4%; Pred. No. 22;
Matches 24; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

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```

QY 1 ATCATTCCTCCCTCTGGCTATCATGCCAACT 31
|||||
DB 1048 ATCATTCCTCCCTCTGGCTATCATGCCAACT 1078

```

## RESULT 6

```

US-09-784-911-9
; Sequence 9, Application US/09784911
; Patent No. US20020072115A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Harrison, Leonard C.
; APPLICANT: Jiang, Fang-Xu
; APPLICANT: Stanley, Edouard Guy
; APPLICANT: Gonez, Leonel Jorge
; TITLE OF INVENTION: Pancreatic islet cell growth factors
; FILE REFERENCE: Davies Collision Cave
; CURRENT APPLICATION NUMBER: US/09/784,911

```

```
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 2.1
; SEQ ID NO 9
; LENGTH: 1353
; TYPE: DNA
; ORGANISM: mouse
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(1353)
US-09-784-911-9

Query Match          63.9%; Score 19.8; DB 10; Length 1353;
Best Local Similarity 77.4%; Pred. No. 22;
Matches 24; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 1 ATCATGTGCTGCTGCTATGCGCAACT 31
||||||| ||| ||||| ||||| |||||
Db 1054 ATCATGTGACCAAGGCTACGTCGCGCAACT 1084

RESULT 7
US-09-784-911-3
; Sequence 3, Application US/09784911
; Patent No. US20020072115A1
; GENERAL INFORMATION:
; APPLICANT: Harrison, Leonard C.
; APPLICANT: Jiang, Fang Xu
; APPLICANT: Stanley, Edouard Guy
; APPLICANT: Gonez, Leonel Jorge
; TITLE OF INVENTION: Pancreatic islet cell growth factors
; FILE REFERENCE: Davies Collison Cave
; CURRENT APPLICATION NUMBER: US/09/784,911
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 2.1
; SEQ ID NO 3
; LENGTH: 1362
; TYPE: DNA
; ORGANISM: mouse
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(1311)
; NAME/KEY: UNSURE
; LOCATION: (186)
; OTHER INFORMATION: Xaa at position 186 is Tyr or His
US-09-784-911-3

Query Match          63.9%; Score 19.8; DB 10; Length 1362;
Best Local Similarity 77.4%; Pred. No. 22;
Matches 24; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 1 ATCATGTGCTGCTGCTATGCGCAACT 31
||||||| ||| ||||| ||||| |||||
Db 1060 ATCATGTGACCAAGGCTACGTCGCGCAACT 1090

RESULT 8
US-09-962-436-281
; Sequence 281, Application US/09962436
; Patent No. US20020081301A1
; GENERAL INFORMATION:
; APPLICANT: Soppet, Daniel
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu
; FILE REFERENCE: 689290-75
; CURRENT APPLICATION NUMBER: US/09/962,436
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: US/60/235,082
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US/60/234,924
; PRIOR FILING DATE: 2000-09-25
; NUMBER OF SEQ ID NOS: 568

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 281
; LENGTH: 167343
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-962-436-281

Query Match          63.2%; Score 19.6; DB 10; Length 167343;
Best Local Similarity 84.6%; Pred. No. 62;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 TCATTGCTCCCTCGGCTATCATGCC 27
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Db 109007 TCATTGCTCCATCGGCTGTATGCC 109032

RESULT 9
US-09-964-824A-273
; Sequence 273, Application US/09964824A
; Patent No. US20020102531A1
; GENERAL INFORMATION:
; APPLICANT: Horriqan, Stephen
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Si
; FILE REFERENCE: 689290-73
; CURRENT APPLICATION NUMBER: US/09/964,824A
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: US/60/236,033
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,032
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,028
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 583
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 273
; LENGTH: 167343
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-964-824A-273

Query Match          63.2%; Score 19.6; DB 10; Length 167343;
Best Local Similarity 84.6%; Pred. No. 62;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 TCATTGCTCCCTCGGCTATCATGCC 27
||| ||||| ||||| ||||| |||||
Db 109007 TCATTGCTCCATCGGCTGTATGCC 109032

RESULT 10
US-09-796-692-7759/c
; Sequence 7759, Application US/09796692
; Publication No. US20020198362A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND TH
; FILE REFERENCE: 2077.001200
; CURRENT APPLICATION NUMBER: US/09/796,692
; CURRENT FILING DATE: 2001-03-01
; PRIOR APPLICATION NUMBER: 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/200,779
; PRIOR FILING DATE: 2000-04-28
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PRIOR APPLICATION NUMBER: 60/200,999  
PRIOR FILING DATE: 2000-05-01  
PRIOR APPLICATION NUMBER: 60/202,084  
PRIOR FILING DATE: 2000-05-04  
PRIOR APPLICATION NUMBER: 60/206,201  
PRIOR FILING DATE: 2000-05-22  
PRIOR APPLICATION NUMBER: 60/218,950  
PRIOR FILING DATE: 2000-07-14  
PRIOR APPLICATION NUMBER: 60/222,903  
PRIOR FILING DATE: 2000-08-03  
PRIOR APPLICATION NUMBER: 60/223,416  
PRIOR FILING DATE: 2000-08-04  
PRIOR APPLICATION NUMBER: 60/223,378  
PRIOR FILING DATE: 2000-08-07  
NUMBER OF SEQ ID NOS: 9597  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 7759  
LENGTH: 445  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: unsure  
LOCATION: (11)  
OTHER INFORMATION: n=A,T,C or G  
US-09-796-692-7759

Query Match 60.6%; Score 18.8; DB 9; Length 445;  
Best Local Similarity 76.7%; Pred. No. 49;  
Matches 23; Conservative 0; Mismatches 7; Indels 0; Gaps 0;  
QY 2 TCATGCTCCCTGCTGCTATCATGCCAACT 31  
11 ||||| 11 |||||  
Db 178 TCATGCTCCACACGCATCATGCCAACT 149

RESULT 11  
US-09-860-670-269  
Sequence 269, Application US/09860670  
Patent No. US20020165137A1  
GENERAL INFORMATION:  
APPLICANT: Ruben et al.  
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
FILE REFERENCE: PA127P1  
CURRENT APPLICATION NUMBER: US/09/860,670  
CURRENT FILING DATE: 2001-05-21  
Prior application data removed - consult PALM or file wrapper  
NUMBER OF SEQ ID NOS: 289  
SOFTWARE: Patent in Ver. 2.0  
SEQ ID NO 269  
LENGTH: 839  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: SITE  
LOCATION: (678)  
OTHER INFORMATION: n equals a,t,g, or c  
NAME/KEY: SITE  
LOCATION: (783)  
OTHER INFORMATION: n equals a,t,g, or c  
NAME/KEY: SITE  
LOCATION: (785)  
OTHER INFORMATION: n equals a,t,g, or c  
US-09-860-670-269

Query Match 60.6%; Score 18.8; DB 9; Length 839;  
Best Local Similarity 76.7%; Pred. No. 55;  
Matches 23; Conservative 0; Mismatches 7; Indels 0; Gaps 0;  
QY 1 ATCATGCTCCCTGCTGCTATCATGCCAACT 30  
11 ||||| 11 |||||  
Db 644 ATATGCTGCTATGCTGCTATGCCAACTGCCGAC 673

RESULT 12  
US-09-815-242-7229/c  
Sequence 7229, Application US/09815242  
Patent No. US20020061569A1  
GENERAL INFORMATION:  
APPLICANT: Haselbeck, Robert  
APPLICANT: Ohlson, Kari L.  
APPLICANT: Zyskind, Judith W.  
APPLICANT: Wall, Daniel  
APPLICANT: Trawick, John D.  
APPLICANT: Carr, Grant J.  
APPLICANT: Yamamoto, Robert T.  
APPLICANT: Xu, H. Howard  
TITLE OF INVENTION: Identification of Essential Genes in  
TITLE OF INVENTION: Prokaryotes  
FILE REFERENCE: ELITRA.011A  
CURRENT APPLICATION NUMBER: US/09/815,242  
CURRENT FILING DATE: 2001-03-21  
PRIOR APPLICATION NUMBER: 60/191,078  
PRIOR FILING DATE: 2000-03-21  
PRIOR APPLICATION NUMBER: 60/206,848  
PRIOR FILING DATE: 2000-05-23  
PRIOR APPLICATION NUMBER: 60/207,727  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: 60/242,578  
PRIOR FILING DATE: 2000-10-23  
PRIOR APPLICATION NUMBER: 60/253,625  
PRIOR FILING DATE: 2000-11-27  
PRIOR APPLICATION NUMBER: 60/257,931  
PRIOR FILING DATE: 2000-12-22  
PRIOR APPLICATION NUMBER: 60/269,308  
PRIOR FILING DATE: 2001-02-16  
NUMBER OF SEQ ID NOS: 14110  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 7229  
LENGTH: 1800  
TYPE: DNA  
ORGANISM: Helicobacter pylori  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (1)...(1800)  
US-09-815-242-7229

Query Match 60.0%; Score 18.6; DB 10; Length 1800;  
Best Local Similarity 84.0%; Pred. No. 76;  
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 1 ATCATGCTCCCTGCTGCTATCATG 25  
1111 1111 11 11 1111  
Db 1650 ATCATGCTCCGCTGCTGCTATG 1626

RESULT 13  
US-10-094-989-3/c  
Sequence 3, Application US/10094989  
Patent No. US20020115179A1  
GENERAL INFORMATION:  
APPLICANT: Wei, Ming-Hui et al.  
TITLE OF INVENTION: ISOLATED HUMAN PHOSPHODIESTERASE  
TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN  
TITLE OF INVENTION: PHOSPHODIESTERASE PROTEINS, AND USES THEREOF  
FILE REFERENCE: CL001063DIV  
CURRENT APPLICATION NUMBER: US/10/094,989  
CURRENT FILING DATE: 2002-03-12  
PRIOR APPLICATION NUMBER: 09/754,250  
PRIOR FILING DATE: 2001-01-05  
NUMBER OF SEQ ID NOS: 5  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 3  
LENGTH: 111282  
TYPE: DNA  
ORGANISM: Homo sapien  
FEATURE:

